

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1.-23. (canceled).

24. (currently amended): A shape-memory polybutylene terephthalate laminate film comprising the polybutylene terephthalate film ~~obtained by the production method recited in any one of claims 1 to 9, and another film or film laminate, which comprises at least one member selected from the group consisting of a paper sheet, another resin film and a metal foil, said laminate film being provided with the memory of a first shape given by a shaping treatment at a temperature T_1 equal to or lower than the glass transition temperature of said polybutylene terephthalate, but being in a second shape given by deformation at a temperature T_2 higher than said glass transition temperature, so that said laminate film recovers said first shape when exposed to a temperature equal to or higher than said temperature T_1 .~~

said polybutylene terephthalate film being obtained by an air-cooled inflation method that inflates a tube of a molten polybutylene terephthalate resin extruded from an annular die by the injection of air, wherein a resin-extruding temperature is the melting point of said polybutylene terephthalate resin -15°C to said melting point -5°C; and wherein a resin-extruding pressure is 8.3 to 13.7 MPa.

25. (currently amended): The shape-memory polybutylene terephthalate laminate film according to claim 24, ~~which undergoes deformation to a second shape in a temperature range different from said predetermined temperature range~~wherein said temperature T_1 is 35°C or lower, and wherein said temperature T_2 is higher than 45°C and 65°C or lower.

Claims 26.-27. (canceled).

28. (currently amended): The shape-memory polybutylene terephthalate laminate film according to claim ~~27~~24, ~~wherein the temperature for returning to said first shape is 15 to 25°C~~said temperature T_1 is 15 to 25°C.

29. (currently amended): ~~The~~A shape-memory polybutylene terephthalate laminate film comprising a polybutylene terephthalate film and at least one member selected from the group consisting of a paper sheet, another resin film and a metal foil, said laminate film being provided with the memory of a first shape given by a shaping treatment at a temperature T_4 higher than the glass transition temperature and lower than the melting point of said polybutylene terephthalate, but being in a second shape given by deformation at a temperature T_6 higher than said glass transition temperature and lower than said temperature T_4 , so that said laminate film recovers said first shape when exposed to a temperature equal to or higher than said temperature T_4 ,

wherein the temperature for returning to said first shape is higher than the glass transition temperature of said polybutylene terephthalate and lower than the melting point of said polybutylene terephthalate,

said polybutylene terephthalate film being obtained by an air-cooled inflation method that inflates a tube of a molten polybutylene terephthalate resin extruded from an annular die by the injection of air, wherein a resin-extruding temperature is the melting point of said polybutylene terephthalate resin -15°C to said melting point -5°C; and wherein a resin-extruding pressure is 8.3 to 13.7 MPa.

30. (currently amended): The shape-memory polybutylene terephthalate laminate film according to claim 29, ~~wherein the temperature for returning to said first shape is 75 to 100°C~~said temperature T_4 is 75 to 100°C, and wherein said temperature T_6 is 45 to 65°C.

31. (currently amended): The shape-memory polybutylene terephthalate laminate film according to claim ~~25~~24, wherein said first shape is a curled shape, and said second shape is substantially a flat shape or an oppositely curled shape.

32. (previously presented): The shape-memory polybutylene terephthalate laminate film according to claim 24, wherein at least one entire surface of said polybutylene terephthalate film is provided with a lot of substantially parallel linear scratches, so that said laminate film can be torn substantially straight along said linear scratches from any position.

33. (original): The shape-memory polybutylene terephthalate laminate film according to claim 32, wherein the depth of said linear scratches is 1 to 40% of the thickness of said polybutylene terephthalate film.

34. (previously presented): The shape-memory polybutylene terephthalate laminate film according to claim 32, wherein the depth of said linear scratches is 0.1 to 10 μm , the width of said linear scratches is 0.1 to 10 μm , and intervals between said linear scratches are 10 to 200 μm .

35. (previously presented): The shape-memory polybutylene terephthalate laminate film according to claim 32, wherein at least one surface of said polybutylene terephthalate film is vapor-deposited with a ceramic or a metal.

36. (previously presented): The shape-memory polybutylene terephthalate laminate film according to claim 24, which has a layer structure comprising said polybutylene terephthalate film, said paper sheet and a sealant film in this order.

37. (previously presented): The shape-memory polybutylene terephthalate laminate film according to claim 24, which has a layer structure comprising said polybutylene terephthalate film, said paper sheet, a rigid film and a sealant film in this order.

38. (previously presented): The shape-memory polybutylene terephthalate laminate film according to claim 24, which has a layer structure comprising said polybutylene terephthalate film, a rigid film and a sealant film in this order.

39. (currently amended): The shape-memory polybutylene terephthalate laminate film according to claim-2624, which has a light-blocking ink layer on a surface of said polybutylene terephthalate film on the side of said paper sheet, or on a surface of said rigid film on the side of said sealant film.

Claims 40.-42. (canceled).

43. (new): The shape-memory polybutylene terephthalate laminate film according to claim 29, wherein said temperature T_4 is 90 to 100°C.

44. (new): The shape-memory polybutylene terephthalate laminate film according to claim 29, wherein said first shape is a curled shape, and said second shape is substantially a flat shape or an oppositely curled shape.

45. (new): The shape-memory polybutylene terephthalate laminate film according to claim 29, wherein at least one entire surface of said polybutylene terephthalate film is provided with a plurality of substantially parallel linear scratches, so that said laminate film can be torn substantially straight along said linear scratches from any position.\

46. (new): The shape-memory polybutylene terephthalate laminate film according to claim 45, wherein the depth of said linear scratches is 1 to 40% of the thickness of said polybutylene terephthalate film.

47. (new): The shape-memory polybutylene terephthalate laminate film according to claim 45, wherein the depth of said linear scratches is 0.1 to 10 μm , the width of said linear scratches is 0.1 to 10 μm , and intervals between said linear scratches are 10 to 200 μm .

48. (new): The shape-memory polybutylene terephthalate laminate film according to claim 45, wherein at least one surface of said polybutylene terephthalate film is vapor-deposited with a ceramic or a metal.

49. (new): The shape-memory polybutylene terephthalate laminate film according to claim 29, which has a layer structure comprising said polybutylene terephthalate film, said paper sheet and a sealant film in this order.

50. (new): The shape-memory polybutylene terephthalate laminate film according to claim 29, which has a layer structure comprising said polybutylene terephthalate film, said paper sheet, a rigid film and a sealant film in this order.

51. (new): The shape-memory polybutylene terephthalate laminate film according to claim 29, which has a layer structure comprising said polybutylene terephthalate film, a rigid film and a sealant film in this order.

52. (new): The shape-memory polybutylene terephthalate laminate film according to claim 29, which has a light-blocking ink layer on a surface of said polybutylene terephthalate film on the side of said paper sheet, or on a surface of said rigid film on the side of said sealant film.

53. (new): The shape-memory polybutylene terephthalate laminate film according to claim 24, wherein said polybutylene terephthalate resin has an intrinsic viscosity of 0.8 to 1.5.

54. (new): The shape-memory polybutylene terephthalate laminate film according to claim 29, wherein said polybutylene terephthalate resin has an intrinsic viscosity of 0.8 to 1.5.